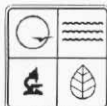


RECEIVED

FEB 08 2012 FORM OGC-3

STATE OF MISSOURI
GEOLOGICAL SURVEY PROGRAM

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

Mo Oil & Gas Council

☒ APPLICATION TO DRILL ☐ DEEPEN ☐ PLUG BACK ☒ FOR AN OIL WELL ☐ OR GAS WELL

NAME OF COMPANY OR OPERATOR

Kansas Resource Exploration and Development, LLC

DATE

12/01/2011

ADDRESS

9393 West 110th St., Suite 500

CITY

Overland Park

STATE

KS

ZIP CODE

66210

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE

Belton Unit

WELL NUMBER

R-36

ELEVATION (GROUND)

1,089 feet

WELL LOCATION

(GIVE FOOTAGE FROM SECTION LINES)

5,333 ft. from ☐ North ☒ South section line 1,634 ft. from ☒ East ☐ West section line

WELL LOCATION

Sec. 16 Township 46 North Range 33 ☐ East ☒ West

LATITUDE

n38 49.00'

LONGITUDE

w94 34.24'

COUNTY

Cass

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 1,634 FEETDISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 224 FEET

PROPOSED DEPTH

650'

DRILLING CONTRACTOR, NAME AND ADDRESS

Utah Oil, LLC

ROTARY OR CABLE TOOLS

Rotary

APPROX. DATE WORK WILL START

02/20/2012

NUMBER OF ACRES IN LEASE

560

NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 87NUMBER OF ABANDONED WELLS ON LEASE 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

NAME DE ExplorationADDRESS 4595 Highway K33, Wellsville, KS 66092NO. OF WELLS PRODUCING 50INJECTION 28INACTIVE 8ABANDONED 0

STATUS OF BOND

☐ SINGLE WELL
AMOUNT \$ _____

☒ BLANKET BOND OK
AMOUNT \$ 80,000
☒ ON FILE
☐ ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED)

PROPOSED CASING PROGRAM

APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST

AMOUNT	SIZE	WT/FT	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT
20'	8 5/8"		6 sks	<u>20'</u>	<u>8 5/8"</u>	<u>-15</u>	<u>Full</u>
650'	4 1/2"		125 sks	<u>650'</u>	<u>4 1/2"</u>	<u>-10</u>	<u>Length</u>

I, the Undersigned, state that I am the Agent of the K.R.E.D (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE

DATE

01/18/2012

PERMIT NUMBER

037-20867

APPROVED DATE

2-23-12

APPROVED BY

☒ DRILLER'S LOG REQUIRED☒ E-LOGS REQUIRED IF RUN☒ CORE ANALYSIS REQUIRED IF RUN☒ DRILL SYSTEM TEST INFO REQUIRED IF RUN☐ SAMPLES REQUIRED☒ SAMPLES NOT REQUIRED☐ WATER SAMPLES REQUIRED AT

NOTE

THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE

I, B. Leech of the Utah Oil (Company), confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

DRILLER'S SIGNATURE

DATE

2/4/12

MO 780-0211 (3-11)

REMIT ONE (1) COPY TO: GEOLOGICAL SURVEY PROGRAM, PO BOX 250, ROLLA, MO 65402 573-368-2143.

Belton 38.82 -94.57



FEB 06 1967

MO 780-0213 (6-06)





Missouri Department of Natural Resources

Geographic Information Systems

Check Location

Select a coordinate format, enter a pair of coordinates in the boxes below it, and then press the SUBMIT button. While your information is retrieved. Your coordinates will be converted to the other formats, the information on the right the page will be filled in based on your coordinates, and a map will be generated. NOTE: All coordinates must use the American Datum of 1983 (NAD83).

☐ Universal Transverse Mercator
[Zone 15 North]

Easting
363648.885582341 meters

Northing
4297603.781624138 meters

☐ Decimal Degrees

Latitude
38.8166666666667 °

Longitude
-94.5705555555556 °

☒ Degrees, Minutes and Seconds

Latitude Degrees
38 °

Latitude Minutes
49 '

Latitude Seconds
0.0 "

Longitude Degrees
-94 °

Longitude Minutes
34 '

Longitude Seconds
14.0 "

UTM Zone 15N [Easting, Northing]	[363648.8, 4297603.7] meters
Decimal Degrees [Lat, Lon]	[38.816666°, -94.570556°]
Deg, Min, Sec [Lat, Lon]	[38° 49' 0.0", -94° 34' 14.0"]
County Name	Cass
County FIPS Code	037
Legal Description	Section 16 T46N R33W
Municipality	Belton
House District	123
Senate District	31
Congressional District	5
MoDNR Region	Kansas City Regional Office
USGS 1:24,000 Quadrangle	Belton [38094-G5]
8 Digit Watershed	10300101 [Lower Missouri-Cro
10 Digit Watershed	1030010101 [Blue River]
12 Digit Watershed	103001010104 [Camp Branch-l
Special Well Drilling Area	Area 2
Ecological Drainage Unit	Central Plains/Blackwater/Lami
Level III Ecoregion	Central Irregular Plains
Query Time	7.407 s

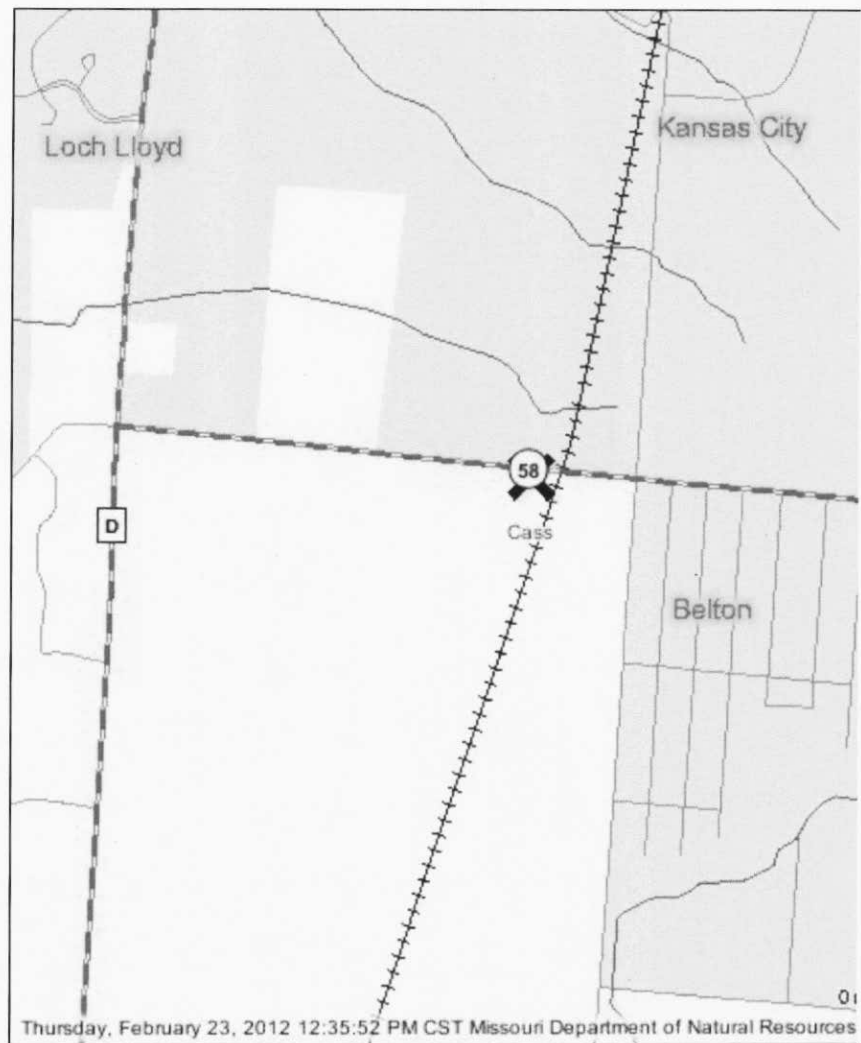
Rows with red text indicate that the input location is too close to a boundary for reliable results.

NOTE: A result of 'NO VALUE' is usually an indication that no data was found for that location. For example, not every point in Missouri will lie within a municipality. Some will result in a 'NO VALUE'. If 'County Name' results in 'NO VALUE', the location probably lies outside the state.

Metadata

- Interstate Highways
- US Highways
- State Highways
- Railroad
- Major and Minor Roads
- County Boundary

- Lakes
- Major Rivers
- Stream Segments
- Missouri River
- Mississippi River
- Municipal



View Scale 1:24,000

DISCLAIMER: Although this map has been compiled by the Missouri Department of Natural Resources, no warranty, expressed or implied, is made by the department for the data and related materials. The act of distribution shall not constitute a warranty, and no responsibility is assumed by the department in the use of the data and related materials.



P.O. Box 176, Jefferson City, MO 65102
800-361-4827 / 573-751-3443
E-mail: contact@dnr.mo.gov

Rollins, Kyle

From: Carissa Kramer <carissafaith@gmail.com>
Sent: Thursday, February 23, 2012 8:56 AM
To: Rollins, Kyle
Subject: Re: Well locations

Sent from my iPhone

Begin forwarded message:

From: Carissa Kramer <carissafaith@gmail.com>
Date: February 23, 2012 8:46:28 AM CST
To: carissafaith@gmail.com
Subject: Re: Well locations

Hi Kyle,

Sorry for any confusion with my last email, but the first batch of permits, wells R26-R37 are all in Section 16. In the plat map, I used the large square as a square mile so each individual square was 660 feet. Some of the wells are a little above the North line on the map, but are not above the North section line. This is because Section 16 is not a perfect square mile, so that makes it fit on the plat map a little funny. The North lease line extends well into Section 9. You will see the northern lease line on some other permit applications we mailed a few days ago. I thought you were asking me about those yesterday, and some of those wells will have the AD or ADI name I was referring to. All of the R and RW wells will be in Section 16. If you would like, I can redo whatever plat maps you need me to.

I hope this helps!

Thanks,

Carissa

On Feb 23, 2012, at 7:18 AM, "Rollins, Kyle" <kyle.rollins@dnr.mo.gov> wrote:

Hey Carissa,

All of the permit applications show section 16. The well locations that are in section 9 will need a new location map. Sorry to ask this but I need to see where the lease boundary is in section 9 and the distances to the well in addition to the nearest section lines. You don't have to use just the south or east section lines. I will need the new location map before I can proceed with the applications. The other permit application should be done today. Thanks

Call if you want to discuss. 573-368-2195

From: Carissa Kramer [mailto:carissafaith@gmail.com]
Sent: Wednesday, February 22, 2012 4:51 PM
To: Rollins, Kyle
Cc: Bradley Kramer
Subject: Re: Well locations

Hi Kyle,

Yes, the Belton Unit is in both section 16 and 9. The AD and ADI wells are all North of the highway in section 9. Before unitization, the lease was called the Abbey-Dunlap, hence "AD."

Let me know if you have any other questions!

Thanks,

Carissa

On Feb 22, 2012, at 4:16 PM, "Rollins, Kyle" <kyle.rollins@dnr.mo.gov> wrote:

Brad,

It looks that some of the wells are in section 9 instead of 16. Are any of the wells north of highway 58?

Kyle Rollins
Geologist II
Economic Geology Unit
Division of Geology and Land Survey
573-368-2195
573-368-2111 (fax)
kyle.rollins@dnr.mo.gov
Visit our on-line store:
<http://www.missourigeologystore.com/>



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

FORM OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

☒ NEW WELL ☐ WORKOVER ☐ DEEPEN ☐ PLUG BACK ☐ INJECTION ☐ SAME RESERVOIR ☐ DIFFERENT RESERVOIR ☒ OIL ☐ GAS ☐ DRY

OWNER
Kansas Resource Exploration & Development LLC

ADDRESS
9393 W. 110th Street, Ste. 500, Overland Park, KS 66210

LEASE NAME
Belton

WELL NUMBER
P-36

LOCATION OF WELL SEC TWN RNG OR BLOCK AND SURVEY LATITUDE LONGITUDE
Sec 16 Twp 44 North, Rng 33 East West OR 9393 ft. from North South 1034 ft. from East West N 38 49 0 W 94 34 14 4

COUNTY PERMIT NUMBER (OGC-3 OR OGC-31)
Cass 037 - 20867

DATE SPUNDED DATE TOTAL DEPTH REACHED DATE COMPLETED READY TO PRODUCE OR INJECT ELEVATION (OF, RKR, RT, OR Gr.) FEET ELEVATION OF CASING HD. FLANGE FEET
3.3.12 3.4.12 4.30.12 1089 1089 FEET

TOTAL DEPTH PLUG BACK TOTAL DEPTH
760

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION ROTARY TOOLS USED (INTERVAL) CABLE TOOLS USED (INTERVAL)
542-572, 585-622 0 TO 760 N/A

DRILLING FLUID USED
WAS THIS WELL DIRECTIONALLY DRILLED? WAS DIRECTIONAL SURVEY MADE? WAS COPY OF DIRECTIONAL SURVEY FILED? DATE FILED
☐ Yes ☒ No ☐ Yes ☒ No ☐ Yes ☒ No

TYPE OF ELECTRICAL OR OTHER LOGS RUN (JUST LOGS FILED WITH THE STATE GEOLOGIST) DATE FILED
Gamma Ray/Neutron/CCL 02/19/2014

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL - CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	12 1/4"	8 5/8"	20#	22	6	0
Longstring	6 1/2"	4 1/2"	10.5#	760	94	0

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
2 3/8 INCH	760 FEET	N/A FEET	N/A INCH	N/A FEET	N/A FEET	N/A	N/A FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FOOT	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
2	3 3/8" DP 23 GR.	542-572 585-622	60 sks, 20/40 sand	542-572, 585-622

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING - IF PUMPING, SHOW SIZE AND TYPE OF PUMP.)
4.30.12

DATE OF TEST HOURS TESTED CHOKE SIZE OIL PRODUCED DURING TEST GAS PRODUCED DURING TEST WATER PRODUCED DURING TEST OIL GRAVITY
4.30.12 24 N/A 10 BBLS 0 MCF 5 BBLS 24 API (CORR.)

TUBING PRESSURE CASING PRESSURE CALCULATED RATE OF PRODUCTION PER 24 HOURS OIL GAS WATER GAS OIL RATIO
0 0 10 BBLS 0 MCF 5 BBLS 0

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

METHOD OF DISPOSAL OF MUD PIT CONTENTS

Air Dry

CERTIFICATE: I, the Undersigned, state that I am the CEO of the kred (Company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

DATE SIGNATURE
02/19/2014

INSTRUCTIONS: Attach drillers log or other acceptable log of well.

- * Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

DETAIL OF FORMATIONS PENETRATED

DETAIL OF FORMATIONS PENETRATED			
FORMATION	TOP	BOTTOM	DESCRIPTION (SEE * ABOVE)
1	100	100	100
2	100	100	100
3	100	100	100
4	100	100	100
5	100	100	100
6	100	100	100
7	100	100	100
8	100	100	100
9	100	100	100
10	100	100	100
11	100	100	100
12	100	100	100
13	100	100	100
14	100	100	100
15	100	100	100
16	100	100	100
17	100	100	100
18	100	100	100
19	100	100	100
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21	100	100	100
22	100	100	100
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28	100	100	100
29	100	100	100
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45	100	100	100
46	100	100	100
47	100	100	100
48	100	100	100
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95	100	100	100
96	100	100	100
97	100	100	100
98	100	100	100
99	100	100	100
100	100	100	100

Belton E-36

Thickness	Formation	Comment	Depth	Thickness	Formation	Comment	Depth
8	Top soil		8	14	Shale		520
48	Lime		56	13	Lime	SANDY - with shale	533
6	Shale		62	9	Shale	Six Little Bleed	542
1	Lime		63	8	Shale	" " " "	550
21	Shale		84	12	SAND	Good Bleed	562
12	Lime		96	20	SAND	" " "	582
6	Shale	Red	102	8	SAND	" " " "	590
14	Shale		116	3	Lime		593
2	Lime		118	6	SAND	Brattin	599
24	Shale		142	2	Lime		601
3	SAND		145	1	SAND	Blk	602
5	Shale		150	20		Conglomerate	622
2	Lime		152	20	SAND	Little Bleed	642
29	Shale		181	93	Shale	Squid sand	735
5	Lime		186	2	Lime	Verdigris	732
6	Shale		192	23	Shale	Oakley	760
6	Lime		198			TD 760	
2	Shale		200				
8	Lime		208				
1	Shale		209				
3	Lime		212				
10	Shale		222				
16	Lime		238				
4	Shale	Blk	242				
2	Shale		244				
13	Lime	Kc	257		Base Pawnee Lime		
172	Shale		439		Labette Shale		
3	Lime		442		Higginsville Lime		
2	Lime		449				
13	Shale	Blk	462		Summit Coal		
8	Lime		470		Blackjack Creek Lime		
17	Shale		487				
9	Lime		496				
6	Shale	Limey	502				
4	Shale	Blk Shale	506		Mulkey Coal		